



Director: Debra K. Kenerson
P.O. Box 41505
Nashville, TN 37204-1505
1-800-626-0987

<http://www.nass.usda.gov/tn>

TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



Released Weekly April - November

2004 Weather Crop 18

Issued 3:00 P.M. 08/02/04

Week Ending August 1, 2004

CROP CONDITIONS OUTSTANDING

Scattered showers and cooler weather pushed through the State last week bringing needed rainfall to many locations. Thus, this year’s row crops continued to be rated in mostly good-to-excellent condition. Condition ratings as of the first of August for corn, soybeans, and cotton were the highest of the decade. Overall, the tobacco crop continued to be rated in mostly good condition, although too much rain and disease pressure has a third of the crop in only fair-to-very poor condition. Crop development continues to outpace last year and the five-year averages. Hay producers made good progress on their second cutting of alfalfa. The State’s cattle producers were applying chemicals to control flies and continued treating isolated cases of pink eye. Some of the major activities accomplished during the five days suitable for fieldwork last week were topping tobacco, spraying pesticides, and harvesting hay. Temperatures averaged near normal in East Tennessee and below normal across the remainder of the State for the week, while rainfall averaged below normal across the State. As of Friday, topsoil moisture levels were rated 14 percent short, 80 percent adequate, and 6 percent surplus. Subsoil moisture levels were rated 12 percent short, 83 percent adequate, and 5 percent surplus.

CROP PROGRESS: Through August 1, 2004					CONDITION: On July 30, 2004					
Crop	This Week	Last Week	2003	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn Dough	88	75	76	75	Corn	1	3	11	49	36
Corn Dent	54	26	41	34	Cotton	0	1	11	57	31
Cotton - Setting Bolls	92	70	58	83	Soybeans	2	3	14	53	28
Soybeans - Blooming	72	59	48	64	Tobacco	3	5	24	53	15
Soybeans - Setting Pods	49	34	21	38	Pastures	0	2	15	63	20
Alfalfa Hay - Second Cutting	95	85	95	97						
Tobacco Topped	52	41	47	51						

CORN: Over half of the corn crop has entered the dent or beyond stage, while overall development of the crop continues to be about one week ahead of last year and the five-year average. The majority of the crop was rated in good-to-excellent condition, the best August 1 condition rating since 1995.

COTTON: Although last week’s cool, cloudy days limited heat units, the crop condition improved slightly from last week. Insect pressure remained light in most areas. Producers have been applying insecticides, growth regulators, and herbicides. Cotton development is about one week ahead of the five-year average.

SOYBEANS: Producers made post-emerge herbicide applications to soybeans, as well as scouted for insects and diseases. Frogeye leafspot was reported in a few fields. Soybeans remained in good-to-excellent condition, the best since 1994.

TOBACCO: Growers were busy topping and applying sucker control last week. Harvest has started on a limited basis. Blank shank and blue mold continued to cause problems in some areas. Tobacco improved from the previous week, but remained in mostly fair-to-good condition.

PASTURES & HAY: Pasture conditions were downgraded slightly from a week earlier, but were still rated in good-to-excellent condition. Farmers took advantage of favorable weather towards week’s end to continue their second and third cuttings of alfalfa and other hay.

TEMPERATURES AND PRECIPITATION For week ending: August 1st, 2004(with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending August 1 st , 2004				Current Week	Rain	Current	Departure	Since April 1	
	HI	LO	AVG	DFN	8/1/2004	Days	Since January 1	From Normal		
Ames_Plantation	90	59	74	-6	0.89	3	37.48	+5.00	1556	+67
Tri-City_RGNL_A	90	60	74	-1	4.23	6	29.43	+3.82	1166	+185
Brownsville_TN	89	60	74	-7	0.59	4	32.53	+0.03	1650	+355
Chattanooga/Lov	89	64	77	-2	3.98	3	30.33	-2.71	1597	+228
Clarksville_Sew	92	57	75	-4	0.83	2	27.71	-3.00	1517	+213
Cookeville	86	55	73	-4	1.68	4	39.12	+4.19	1251	+455
Covington	86	59	72	-8	1.10	3	30.59	-1.45	1488	-31
Crossville_AP	83	56	72	-3	2.66	3	36.16	+1.66	1122	+211
Dickson_AG	86	54	73	-6	1.71	3	37.45	+4.37	1262	-110
Dover_1W	87	55	72	-7	0.45	4	27.30	-4.75	1401	+253
Dyersburg	88	57	72	-9	0.44	2	24.71	-6.11	1605	-16
Erwin_1W	90	60	75	+3	1.44	6	28.66	-2.14	1115	-65
Huntingdon_Wate	88	56	72	-7	0.67	3	34.23	+1.90	1498	+266
Jackson_Exp_Stn	88	57	74	-6	0.59	3	32.14	-0.24	1580	+145
Kingston_AG	87	61	75	-2	2.51	4	35.40	-0.77	1330	+272
Knoxville_AP	89	64	77	-1	3.71	6	33.13	+3.07	1476	+296
Lewisburg	91	52	74	-4	1.27	4	38.96	+4.75	1437	+239
Lexington_TN	90	57	73	-7	0.48	3	34.73	+3.23	1467	+611
Linden	90	55	74	-5	1.11	3	32.98	-1.41	1397	+187
Martin	87	54	72	-7	0.73	2	27.49	-5.07	1534	+154
Mc_Minnville_Tn	87	58	75	-3	1.25	3	36.61	+3.40	1432	-104
Memphis_AG	91	60	75	-9	0.24	3	32.90	+1.39	1646	-159
Milan	89	56	73	-7	0.44	3	28.87	-4.31	1503	+156
Murfreesboro_5N	88	57	74	-5	3.58	4	33.42	+0.83	1441	-81
Nashville_Metro	91	59	76	-4	0.87	4	34.34	+5.07	1560	+127
Newcomb	86	58	73	-1	3.50	5	32.84	-0.91	1131	+280
Oneida	85	57	73	-2	1.98	4	31.68	-2.07	1173	-106
Pikeville	89	56	75	-3	1.84	5	30.52	-2.55	1371	+200
Portland_TN	87	58	72	-5	1.04	3	37.67	+5.79	1377	+209
Pulaski_Water_P	90	57	75	-5	2.98	4	40.19	+6.27	1405	-38
Savannah_6SW	92	55	74	-7	4.38	3	44.60	+9.32	1537	+286
Sparta_TN	89	56	75	-2	2.00	2	40.27	+6.25	1496	+488
Springfield	88	54	72	-5	2.54	4	35.68	+4.96	1393	+208
Springhill	90	55	75	-3	1.70	4	38.70	+4.54	1491	+301
Union_City	85	52	70	-9	0.76	2	27.83	-3.86	1400	+50
Waynesboro_TN	90	55	74	-4	2.02	4	39.53	+3.57	1373	-21

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
 Copyright 2004: AWIS, Inc. All Rights Reserved

The Tennessee Agricultural Statistics Service gratefully acknowledges contributions to this publication by:
 National Weather Service, and the University of Tennessee’s Extension Service.